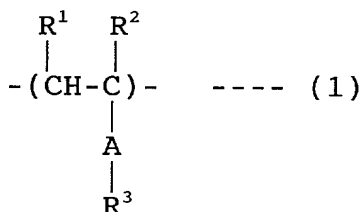


ABSTRACT OF THE DISCLOSURE

An ion conductor structural body principally comprising (a) a polymer matrix, (b) a solvent capable of functioning as a plasticizer and (c) an electrolyte, wherein said polymer matrix (a) comprises a polymer chain having at least a segment represented by the following general formula (1), a main chain portion of said polymer chain and a side chain portion of said segment have an orientation property, and said polymer matrix has a crosslinked structure.



(wherein  $\text{R}^1$  and  $\text{R}^2$  are respectively H or an alkyl group of 2 or less carbon atoms, A is a group having at least a polyether group, and  $\text{R}^3$  is a group having at least a alkyl group of more than 6 carbon atoms.)